

Abstract Submitted  
for the TSS10 Meeting of  
The American Physical Society

**Teaching physics in the weight room** ALEX BARR, University of Texas at Austin — Activities that take place outside the classroom can help keep students engaged by offering an unexpected experience while illustrating the physics involved in everyday phenomena. I will outline three lab activities from an Introduction to Physical Science class, two semi-quantitative activities on Newton's laws and a quantitative activity on the efficiency of the human body. Each of these activities takes place outside the classroom and involves equipment that available in many high school and university weight rooms.

Alex Barr  
University of Texas at Austin

Date submitted: 19 Feb 2010

Electronic form version 1.4